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DEPARTMENT OF THE ARMY UNITED STATES ARMY RESEARCH LABORATORY 2800 POWDER MILL ROAD ADELPHI, MARYLAND 20783-1197

Declaration and Power of Attorney for Original Application Docket No.: ARL 98-68D

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled

<u>Method of Fabricating a Colossal Magneto-Resistive Detector Using a Thin Film Transfer Method</u> The specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims;

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56;

No foreign applications for a patent or inventor's certificate have been filed.

POWER OF ATTORNEY: I hereby certify that the Government of the United States of America, as represented by the Secretary of the Army, has an assignment in the invention set forth in this application, and give irrevocable control of this application for Letters Patent to the Government of the United States, as represented by the Secretary of the Army, and appoint the following attorneys and all registered patent attorneys and agents hereinafter associated with Customer Numbers 21364, Army Research Laboratory; and 37064, Office of Command Counsel, U.S. Army Materiel Command to transact all business in the United States Patent and Trademark Office connected therewith:

William V. Adams 32,552 (703 806-8255) William W. Randolph 28,986 (703 806-8254) Stephen M. Bloor 39,612 (301 394-1595) Edward L. Stolarun 25,515 (703 806-8244)

ADDRESS ALL TELEPHONE CALLS TO William V. Adams (Phone numbers are listed above) ADDRESS ALL CORRESPONDENCE TO: U.S. Army Research Laboratory, ATTN: AMSRD-ARL-CS-CC-IP (C. Bourget), 2800 Powder Mill Road, Adelphi, MD 20783-1197

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME of SOLE or FIRST INVENTOR: Meimei Z. Tidrow RESIDENCE: Annandale, VA POST OFFICE ADDRESS: 4643 Aspen Hill Court, Annandale, VA 22003 CITIZENSHIP: USA PORTORS VA	
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Docket No.: ARL 98-68D

FULL NAME OF SECOND INVENTO	R: Steven Tidrow	
RESIDENCE: Silver Spring, MD	CITIZENSHIP: USA	
POST OFFICE ADDRESS: 14105 Cast	le Blvd., Apt 303, Silver Spring, N	MD 20783-1197
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DEPARTMENT OF THE ARMY UNITED STATES ARMY RESEARCH LABORATORY 2800 POWDER MILL ROAD ADELPHI, MARYLAND 20783-1197

Declaration and Power of Attorney: Original Application

Docket No. ARL 98-68

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method of Fabricating a Ferroelectric/Pyroelectric Infrared Detector Using a Crystallographically Oriented Electrode and a Rock Salt Structure Material substrate

The specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims;

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56;

No foreign applications for a patent or inventor's certificate have been filed.

POWER OF ATTORNEY: I hereby certify that the Government of the United States of America, as represented by the Secretary of the Army, has an assignment in the invention set forth in this application, and give irrevocable control of this application for Letters Patent to the Government of the United States, as represented by the Secretary of the Army, and appoint the following attorneys to transact all business in the Patent and Trademark Office connected therewith:

Mr. Paul S. Clohan, Jr. Reg. No.: 33, 369

Mr. Mark D. Kelly, Reg. No.: 39,467

ADDRESS ALL TELEPHONE CALLS TO Mark D. Kelly (301) 394-1584
ADDRESS ALL CORRESPONDENCE TO: U.S. ARMY Research Laboratory, ATTN: AMSRL-CS-CC-IP, 2800 Powder Mill Rd., Adelphi, MD 20783-1197

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RESIDENCE:	Silver Spring, MD	VENTOR: Meimei Tidrow CITIZENSH utstone Way, Silver Spring, MI	HIP: <u>USA</u> D 20905	PAREM
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Docket No.: ARL 98-68

FULL NAME OF SECOND INVENTOR:	Steven Tidrow	
RESIDENCE: Silver Sorius, MO	CITIZENSHIP: USA	
POST OFFICE ADDRESS: 2537 616	enallan Ana Ant 4 Silver Spring	MD ZOT
Date: 11 April 2000		
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FULL NAME OF THIRD INVENTOR.	35	$\mathcal{O}_{\mathcal{P}_{\Omega}}$
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FULL NAME OF FIFTH INVENTOR:	•	
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FULL NAME OF SIXTH INVENTOR:		
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REVOCATION OF POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT**

Application Number	09/550,623
Filing Date	4/17/00
Pirst Named Inventor	Tidrov, et al
Group Art Unit	3724
Examiner Name •	T. Eley
Altomey Docket Number	ARL 98-68

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/550,623
Filing Date	4/17/00
First Named Inventor	Tidrow, et al
Title }	ethod of Fabricating a-
Group Art Unit	3724
Examiner Name	T. Eley
Attorney Docket Number	ARL 98-68

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			Applicant or Assign					
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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/550,623
Filing Date	4/17/00
First Named Inventor	Steve Tidrow
Title	Method of Fabricating a-
Group Art Unit	3724
Examiner Name	T. Eley
Attorney Docket Number	ARL 98-68

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I am the: X Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTOISB/96).						
		SIGNATURE of	f Applicant or Assig	nee of R	lecord	
Name	Stev	en Tidrow				
Signature	3	the Tal	lon			
Date	21	August	7002			
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REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

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Application Number	09/550,623	
Filing Date	4/17/00	
First Named Inventor	Tidrow, et al	
Group Art Unit	3724	
Examiner Name	T. Eley	
Attorney Docket Number	ARL 98-68	

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:										
X A Power of Attorney or Authorization of Agent is submitted herewith.										
OR										
Please change the correspondence address for the above-identified application to:										
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Applicant/Inventor.										
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)										
		SIGN	ATURE of App	licant or Assi	gnee of R	ecord				
Name		Steven	Tidrow							
Signature	(Atra Tilora								
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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.										
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